

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [20276] 10 meter CW contact!
Message-ID: <199705252304.SAA09650@shell.dialnet.net>

Well, I finally found someone on 28.060. Worked KK6MC at 5:45PM Central time. Signals were weak and the QSB was bad, but it was a contact. KK6MC is Jim in Cedar Crest, NM. Running 5 watts on both ends. The Antenna here is a 280 ft loop fed with ladder line. I would love to see more CW activity on ten meters. I hope this report inspires more people to check out the CW portion of ten.
73 for now.

Kelly Ellison
WB0WQS
Aurora, Missouri
QRP-L #702

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Dale Scott <dcscott@us.ibm.com>
Subject: [20284] 38sp - I'm baffled !!!!
Message-ID: <5030100002824184000002L042*@MHS>

Help -- I'm baffled. I'm yet to get my 38sp to work. Put it together oh-so-carefully. Left it stock so far. Checked all components for location & orientation. Nothing heating up or smoking. No visible solder bridges. Toriods wound per instructions (ie no turns taken off yet). Put a scope on it and none of the three oscillators seem to be oscillating. Checked the dc voltage levels, and while several are off, it isn't obvious to my feeble mind as to the cause. DC voltages on U1-U4 are all within limits except the following:

IC-pin		Rec/Xmit	Expected	Measured
U1-1	X	1.7	1.4	
U1-2	X	2.2	1.4	
U1-4	X	4.7	6.6	
U1-5	X	4.7	6.6	
U1-7	R	6.6	7.2	
U1-7	X	6.5	7.2	
U2-2	X	0	1.8	
U2-3	X	0	1.8	
U2-4	X	0	1.7	
U2-12	R	5.6	7.9	

U2-13 R 5.6 7.9

U4-1 R 5.7 7.9

U4-11 R 7.8 0

U4-11 X 3.5 0

U4-12 X 3.6 0

U4-13 R 5.7 7.9

U4-14 X 3.6 0

U4-16 X 3.6 0

U4-18 X 3.6 0

Can anyone point me in the right direction?

Thanks & 72/73.....kc7khd/dale

Internet: (work) dcscott@us.ibm.com

(home) dcscott@ibm.net

OV/VM: dcscott@ibmusm52

Dale C. Scott

IBM -- Engineering Technology Solutions

(206) 587-2784 8/277-2784

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997

From: Dan Wolfe <n4roa@mounet.com>

Subject: [20314] 50/40/30 Date

Message-ID: <01BC69FA.FABF1AE0@pm104.mounet.com>

0000PPSSS!

Well I did it again. Sorry about the date error. It should be May 28 UTC instead of May 29.

Also, if there are any N/T who need a contact, please let me know by email and we will set up a schedule.

Hope to give the ole "Limestone Lamblaster" (secret weapon) a workout.

73/72 de Dan, N4ROA

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997

From: Dan Wolfe <n4roa@mounet.com>

Subject: [20292] 50/40/30 from Virginia

Message-ID: <01BC69A0.6FC81A40@pm128.mounet.com>

Hello All,

I will be on Tuesday night, May 27 (local date) from Gate City, Va.

2000-2200 DST (0000-0200 UTC, WED., May 29) at 10.115 +/-

2200-2400 DST (0200-0400 UTC, Wed., May 29) at 7.043 +/-

I will call CQ WAS QRP de N4ROA. Exchange CALLSIGN, RST, SPC, NAME, and POWER.

Hope to work you then.

73/72 de Dan, N4ROA

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Ralph L. Irons" <rli8m@weyl.math.virginia.edu>
Subject: [20296] Centennial on CW
Message-ID: <Pine.A32.3.93.970526092444.52823A-100000@weyl.math.Virginia.EDU>

I put the Centennial on CW in time for the Hootowl Sprint Sunday night. The Centennial produces CW by feeding an audio tone into the mike input. Lost the manual (*#!@*!!) so built an audio oscillator circuit from W1FB's DATA BOOK. I was worried when I heard multiple tones in the Centennial's output while listening with my FT-890 two feet away. But the fact that one tone was much louder than the rest gave me hope! Had my daughter Sarah repeatedly press the "Message" button on the memory keyer while I drove a few blocks with my OHR 80m rig, battery and a couple feet of antenna wire. Two blocks away the signal sounded fine. During the Hootowl, one kind gentleman in PA interpreted "CQ QRP TEST" to be a request for a detailed signal report, and gave the Centennial a clean bill of health. Worked seven stations, then checked into the KnightLite CW Net. Earlier in the day I visited the Piedmont QCWA SSB net. Hey! I like this!

The slow downward drift of the Centennial (I measure roughly 5 Hz per minute) is more noticeable on CW than on SSB, as is the "digital" tuning effect (like tuning a synthesized rig in larger than normal steps) produced by the tuning pot wiper traversing pot windings.

72, Ralph N7RI

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: af852@rgfn.epcc.Edu (William R Colbert)
Subject: [20299] certificates
Message-ID: <9705261406.AA05307@rgfn.epcc.Edu>

Hi gang, Just wanted to publicly thank Pete Rossi, Wa3NNA for the beacon runs, and the BEAUTIFUL certificates that he and the Knightlite group have sent out. I received mine on Saturday and they are really neat. Thanks again Pete and Knightlite s. I tried to send this yesterday and misfired - if this is a repeat please excuse the resend.

73/72

Ray

P.S. The certificates will be framed and displayed in a position of prominence. Looking forward to the next round of beacons.

--

Ray Colbert, W5XE
00TC 3618, SOWP 1064M
El Paso, Tx (Far West Texas)
(also: v31xe@dzn.com)

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Rogerio Gonzaga <gonzaga@med.up.pt>
Subject: [20295] CQ WORLD WIDE PREFIX CONTEST - 1997
Message-ID: <199705261254.0AA07054@mail.med.up.pt>

Hi, folks,

These are my claimed results in the CQ WORLD WIDE PREFIX CONTEST - 1997:

Call: CT1ETT	Country: Portugal
Mode: CW	Category: Single Operator QRP

BAND	QSO	QSO PTS	PTS/Q	PREFIXES
------	-----	---------	-------	----------

80	4	6	1.5	1
----	---	---	-----	---

40	29	62	2.1	16	
20	181	323	1.8	122	
15	78	141	1.8	57	
10	12	18	1.5	10	

Totals	304	550	1.8	206	=3D 113,300

Equipment Description:

Index Laboratories QRP+ MkII (@ 5 W), TH6 @ 19m AGL, Windom @ 18m AGL.

Locator: IN51re

Time spent: not accessed yet, should be about 18 hours.

Top Band: This time I could get no contacts (aerial: my Marconi @ 18m AGL)

Propagation in my country: #%&=BA+*??=BB\$! (including a big tempest whith= strikes).

...but as usually it has been very fun and I hope everyone has enjoyed it!

Best 72 de Roger, CT1ETT

Rogério A. F. Gonzaga, MD, PhD
Surgical Professor at the Faculdade de Medicina do Porto - Portugal
Ex-Honorary Surgical Registrar at the Hammersmith Hospital - London, UK

Radio Amateur CT1ETT QTH Loc IN51re
G-QRP Club # 8673 ISWL # CT-20574 QRP-L #516 NorCal QRP Club # 2130

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997

From: Robert Marlan <rsm@halcyon.com>
Subject: [20303] Day's Inn at Dayton
Message-ID: <3.0.32.19970526102559.01590af8@mail.halcyon.com>

At 07:51 AM 5/25/97 PST, you wrote:

Hey Jim,

I am starting to feel good. When I posted this to the list, I did not want to anger or insult anyone. But, my mailbox has been filled with people in agreement. I stay in inexpensive hotels all the time... but they are much nicer than the days inn.

Maybe we can contract with the hilton or holiday inn IF WE START PLANNING NOW!!! for next year.

Bob rsm@halcyon.com KA6NOC/7

>The buck extra is just the insult on injury. They double the rate
>(almost) for Hamfest.
>
>My son works for the State and they have a "State Rate." When he refused
>to pay the extra buck for the safe in the room, they zapped the
>state-rate and gave him full tab for the stay."
>
>Come to PacifiCon in October; the Concord Hilton gives a special (lower)
>rate, and the place is first class all the way.
>
>Two years ago, at the Days Inn South, the roof was leaking, and it was
>interesting, making sure you did not trip over one of the many buckets.
>hi hi.
>
>This was my fourth time to Hamvention. jim, WA6GER.
>
>

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: DaveLeDuc@aol.com
Subject: [20282] FS Hw-9, HFT-9A and PSA-9
Message-ID: <970525214127_1922693809@emout12.mail.aol.com>

For sale HW-9 with WARC, HFT-9A antenna tuner and PSA-9 power supply.
All in excellent conditon. The HW-9 is unmodified.
The only mod is that PSA-9 has terminals mounted on front.

HW-9 just returned from RTO electronics. However it may have a problem with out of spec harmonic and need to be realigned.

Best offer.

K1EPJ

DaveLeDuc@aol.com

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Brian K. Short" <KE7GH@primenet.com>
Subject: [20316] FS/WTB or Trade? (updated)
Message-ID: <3.0.1.32.19970526214610.0072ba08@mailhost.primenet.com>

The CMOS II chips and the MRX-40 are sold. Thanks.
Below are still available:

** FOR SALE **

1) qty 1 complete CMOS II keyer kit w/chip & PCB etc \$40 shipped

2) qty 1 38s kit with TiCK keyer included \$30 shipped
(some parts were stuffed by the guy I got it from, just
need to wind the torroids etc)

3) Ramsey 9v 10m FM Rcvr
NE602, MC3359P, LM-386
Designed to work from 9v battery
All controls and jacks mounted on board
Complete and fully assembled
No case
Will ship for \$15

4) Mirage B3016 30/160w 2m Amp \$200 in Mirage box w/manual

5) FS: Brand New Microsoft Front Page '97 w/Bonus Pack
WWW publishing and much, much more! Full version,
not just the upgrade. New, box, manual, original
CDROM, registration card, etc. Surplus to my needs...\$75
(eligible for \$40 rebate if you own Office or other
Microsoft software...)

6) *BRAND NEW* in the box, shrink wrap untouched.
Adaptec SlimSCSI PCMCIA to SCSI-2 Host Adapter.
Retail box, software, cable, etc etc. This is *THE*
PCMCIA SCSI adapter. Surplus to my needs, \$85

**** WANTED TO BUY ****

**** WTB **** Various V/UHF Transverters 50-2304Mhz and IF rigs

WTB Collector of older RTTY terminal units looking for more to add to collection, including: Hal ST-5, ST-5000 other commercial or homebrew RTTY equipment

WTB Collector of older SSTV scan converters looking for more to add to collection, including: Robot 400, 800 etc... other commercial or homebrew SSTV equipment

Brian ke7gh@primenet.com >or< <http://www.primenet.com/~ke7gh>

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Brian K. Short" <KE7GH@primenet.com>
Subject: [20312] FS: 10m Rcvr \$15 shipped
Message-ID: <3.0.1.32.19970526194513.006ddbe4@mailhost.primenet.com>

Ramsey 9v 10m FM Rcvr
NE602, MC3359P, LM-386
Designed to work from 9v battery
All controls and jacks mounted on board
Complete and fully assembled
No case

Will ship for \$15

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [20293] FS: AEA Morse Machine MM-3, mint
Message-ID: <Pine.3.89.9705260752.B23436-01000000@w3eax.umd.edu>

I couldn't decide which to keep = my MM-3 or my MFJ-492X.

Otis the cat made the decision for me, knocking the MFJ and a Bencher off the kitchen table at 5:45 this morning, denting the keyer and severely marring the Benchers. They still work, but have been uglified.

AEA MM-3, mint condition with manuals. No longer made. 10 memories, beacon functions, Morse trainer functions, lots more.

With manual, \$160.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Gimme a hamfest, I'm there *

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: k2hi@juno.com (Arthur B. Epstein)
Subject: [20279] FS: Argonaut 515
Message-ID: <19970525.193018.13222.0.k2hi@juno.com>

I've decided to sell my Argo 515. It's in mint condition electrically and mechanically (9.8 out of 10) and I have the original manual. Highest offer over \$500. Art, K2HI

K2HI@juno.com

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Scott Rosenfeld NF3I <ham@w3eax.umd.edu>
Subject: [20286] FS: Ark 20 QRP rig, Yaesu FT-736 w/22/CW fltr/keyer, Standard C228(2/220)&188(2m) HTs, QRP rig, Yaesu FT-208R 2m HT
Message-ID: <Pine.3.89.9705252252.A22637-0100000@w3eax.umd.edu>

Still waiting for that first huge Es opening...worked 101 Q's and 35 countries QRP during 8 hours of CQ WPX CW on 4w and an Outbacker!

Now, to make room for more stuff by getting rid of some nice stuff.

Yaesu FT-736R with 220 MHz module and MD-1B8 desk mic.
Comes with optional CW filter and keyer module.
Excellent condition, with manuals. \$1700.

Standard C188 2m slimline HT. New (as in new!)
in the box, with manual, rubber duckie, keypad cover (prevents damage), charger/stand. 40 memories, wideband receive, CTCSS encode/decode, and many more features. \$215.

Standard C228A with CSA160 rapid charger. 2m and 220 MHz, very good physical condition with a few scuffs and scrapes. Keypad and display are in excellent condition, as is the dualband duck. With manual, 400 mAh battery, and rapid charger.

CTCSS encode/decode, paging, simultaneous dual band receive, much more. \$600 for new radio today, asking \$400 for package.

Ark 20 by S&S Engineering of Smithsburg, MD.
20m 5 watt synthesized QRP rig with audio filter and CW keyer. Pushbutton tuning, extruded aluminum case (VERY heavy-duty), very easy to use. With all manuals, plus a FREE Ramsey 20w linear amp. \$275.

Yaesu FT-208R 2m HT with NC-8 charger/base stand and speaker mic. Condition? Working, but PTT button is shot (just use speaker mic). No battery. Basically used as a base station in recent past. Comes with CTCSS encoder board. \$100.

* Scott Rosenfeld NF3I Burtonsville, MD FM19mc QRV 80-10/6/2/440 *
*** 6m 75 grids worked on 8 watts *** HF 140 cfmd * QRP-L #147 ***
** QRP ARCI #9054 ** DXCC/WAS/WAC *** 100% dipole powered HF/6m **
* 301-549-1022 h / 301-982-1015 w *** Gimme a hamfest, I'm there *

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Brian K. Short" <KE7GH@primenet.com>
Subject: [20311] FS: CMOS II Keyer Kit and Chips, etc
Message-ID: <3.0.1.32.19970526190733.00711538@mailhost.primenet.com>

Suddenly, I have an extreme lack of leisure time, and I have been ordered to do some Spring Cleaning, so the below are for sale:

- 1) qty 2 CMOS II Super Keyer chips \$15 ea shipped (both \$25)
- 2) qty 1 complete CMOS II keyer kit w/chip & PCB etc \$40 shipped

All components to go with the chips are readily available from Digikey (source for the ceramic resonator crystal).

- 3) qty 1 MRX-40 rcvr kit (unbuilt) \$18 shipped
- 4) qty 1 38s kit with TiCK keyer included \$30 shipped
(some parts were stuffed by the guy I got it from, just need to wind the torroids etc)

Take it all for \$100 shipped...

Brian Short 1994 E Laguna Dr Tempe, Az 85282 (602)839-3484
k7on@qsl.net >or< ke7gh@primenet.com <http://www.qsl.net/k7on>

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Wilford D. Lindsey" <70511.3041@CompuServe.COM>
Subject: [20307] FS:Argosy 525
Message-ID: <970526180911_70511.3041_IHD80-1@CompuServe.COM>

Gang:

I have FS a Ten-Tec Argosy 525 transceiver with the following options installed:

#218 (1.8 khz SSB filter)
#220 (8 pole xtal IF filter 2.4 khz)
#223 (Noise Blanker)

Hand microphone included. Also have *original* manual.

Rig is excellent performer. Used it during recent WPX and the Hootowl Sprint last evening. Appearance = front panel has *NO* marks, so is a 10/10. There are a *few* cosmetic scratches on the top of the case, but nothing major.

Am only selling this rig because I have 2...along with other fine QRP rigs. Simply don't need the rig just sitting there. It deserves to be on the air more...making QRP contacts all over the world.!

Price = only \$390.00 including UPS shipping (double-boxed) in continental USA.

72/73,

Doc/K0EVZ qrp-1 861 mn-qrp 19 norcal 2050 cqc 414 nj-qrp 69 ak-qrp 139
WAS 49/38 DXCC 42/37 Sierra Argosy HW-9 Explorer NC40a SW-30
49er 38S

"Things should be as simple as possible, but no simpler"--A. Einstein

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Bob Hightower <ki7mn@dancris.com>
Subject: [20302] FSFM
Message-ID: <199705261643.JAA23413@dancris.com>

Looking at my FSFM (rather FST/FM) schedule, Dan is the only one scheduled for the rest of the year. If you are planning to be on, please let Mike know (and the list), so I can post it to the schedule on my page. There are lots

of states still needed.

73,

Bob, KI7MN Chandler, AZ ScQRPion QRP-L #271, NorCal #1228, CQC #274, QRP
ARCI #8918, AK QRP #30, not in any order of importance.

<http://www.dancris.com/~ki7mn>

WIMPS: QSO's=18 30=18 17=0 12=0 States=15/0/0 DX=0/0/0 QSL's=5

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997

From: "Thomas J. Whalen" <whalen@swcp.com>

Subject: [20300] Hoot Owl Contest,10m,Antenna discussion

Message-ID: <Pine.SUN.3.91.970526083539.1949B-100000@kitsune.swcp.com>

Hi Fellow QRPers! Had a ball working the contest and band conditions were excellent! 20 meters stayed open late and was in good shape. In 2 hours operating time, I managed to work 25 Q,s with my 706 at 5W into a rotatable dipole. Worked KK6MC/5 twice, once on 20 and earlier in the day on ten meters. K0EVZ had the strongest signal throughout the contest. (Way to go Doc, what are you using for an antler?) As far a DX goes, just worked XE1/K8ZAA...good signal also. Heard another weird callsign during the contest. It was L50V.....where the heck is that?? It was great fun. Got to get a ACRI number!

Where is everyone been? 10 meters is hot lately.....so get on!

Jim and Cecil, I'm sure enjoying both your views on antennas. Most of it is over my head, but maybe I will learn something!

72, Tom WB5QYT

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997

From: Ken Newman <N2CQ@compuserve.com>

Subject: [20287] HOOT OWL Sprint

Message-ID: <199705260037_MC2-172D-27E@compuserve.com>

1997 QRP ARCI HOOT OWL CONTEST =

=

=

Call used: N2CQ

Location: =

NJ

Power: =

5W

$$=$$
$$=$$
$$=$$

Exchanged Information: N2CQ RST NJ 7975

$$=$$
$$=$$

Hours of Operation: 03:32

$$=$$
$$=$$

band	QS0s	points	mults
160	0	0	0
80	8	259	5
40	22	665	13
20	28	791	20
15	0	0	0
10	0	0	0
TOTAL	58	1715	38
SCORE: 65,170			

$$=$$
$$=$$

Club or Team Name: NJ QRP Club =

$$=$$
$$=$$

Comments:

TS-850sat (5W)

$$=$$
$$=$$
$$=$$

TA33jr tribander
CF ZEPP
=

Very surprising stations on 20 meters that could be copied 11pm
and after. Some multipliers from east to the west with 559
signals most of the time. Didn't expect to work the short
haul routes this late in the day. Interesting!!
=

=

72/73 de
Ken Newman, N2CQ
N2CQ@compuserve.com
QRO HAMS HAVE FRIENDS ALL OVER THE WORLD.....
(but not on their own street!)

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Kelly Ellison" <kelman@dialnet.net>
Subject: [20297] Hoot Owl Sprint
Message-ID: <199705261354.IAA22447@shell.dialnet.net>

For all interested,
Here is a preliminary report from my operation. I used the Argosy at 4
watts with the 280 ft loop at 50 ft. Worked 46 QSOs all on 20 meters. Some
Highlight QSOs were KH6U, WA0ZPT in SD, RV3DDY/QRP,
UA3PIP/QRP, AL7FS and XE1/K8ZAA. I lost about an hour trying to get a
stubborn 2 year old to go to sleep. It was a fun time and there was quite
a bit of activity. Both the Russian stations answered my CQ so I was
excited about that. There was quite a bit of Static Crashes on 20 Meters,
so I didn't bother to check 40. Fun was had by all.

73,

Kelly Ellison
WB0WQS
Aurora, Missouri
QRP-L #702

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Bob Tellefsen-CNSE97 <Bob_Tellefsen-CNSE97@email.mot.com>
Subject: [20306] Hoot Owl Sprint was a Hoot

Message-ID: <M1510895.001.sv7j0.1.970526175718Z.CC-MAIL*/OU=LMPCC10/OU=ILBE/
PRMD=MOT/ADMD=MOT/C=US/@MHS>

Had fun with the Sprint last night. My second year at it, and I beat my score from last year by 50%. Still not outstanding, just 18 QSOs and 10 states.

First hour out here on the left coast was best for me, with the QSO rate falling off after that. Some kind of curve going here, I suppose:

0300 hour 9 QSO, 0400 hour 5 QSO, 0500 hour 3 QSO, 0600 hour 1 QSO

>From hind sight I could have gone to bed an hour earlier and not hurt my score much :-).

I was surprised at all the familiar calls I didn't hear. Don't know whether they didn't participate, fell into propagation black hole, or maybe were just done before I got started out here.

As crummy as conditions were, I did work AA4XX in NC, AA1MY in CT, and N3PM in MD. Then nothing at all between right coast and Colorado/New Mexico area. Everything else relatively left coast stuff.

This year the ANC-4 noise cancelling unit got a workout. I'm finally learning how to get the most out of it, in combination with the DSP filter and its noise reducing abilities. Takes a lot of fiddling to learn how your total equipment lineup responds to this stuff. But, once it is all working together, it can be MAGIC!.

Hope you all had fun, too.

72, Bob N6WG

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997

From: Brian Kassel <bkassel@dancris.com>

Subject: [20313] Hootowl Hoot

Message-ID: <199705262014.NAA02863@dancris.com>

Sure enjoyed the ARCI sponsored Hootowl Sprint last evening. Too bad though, after about 2 hours and 45 minutes, no more QSO's were to be found. I kept calling CQ on and on, but was never able to gather another QRP soul into my log.

Rig:

QRP+, 4.9 Watts(Measured on Boonton 42-B)

Antenna:

2 (yes, 2) element tribander at 20 feet on 20M.

Pair of phased Butternut HF-6 verticals on 40/80M

Butternut HF-2 on 40/80M.

80M horizontal loop at about 20-25 feet, fed with Emtech ZM-1 tuner.

Thunderstorm activity kept the QRP+ "S" meter averaging about half scale until the bands closed down. Tough going for more stations than not.

The final talley:

119 (Total Points) X 13 (SPC) X 7 (Power Mult.) = 10,829

Suggestion:

Folks, can we PLEASE spread out a bit? I attempted to go higher or lower by a few KHz, away from the calling frequencies, when calling CQ. Sure was easier copy, and lot's more fun too.

The 4 hour "floating" contest period would seem to favor our East Coast bretheren. Should we think about UTC based period with one starting-stopping period? Maybe there is some other method that give us folks towards the west a little more time before the bands close. Then again, maybe I'm in left field here (left coast?).

Regardless of the time period, I'll be there for the next one. I sure appreciate the ARCI, Cam etc putting on the sprint(s).

* Brian D. Kassel W5VBO - QRP - ScQRPion *
* QRP-L #404 - ARCI #3623 *

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Bob White <bobwhitewo3b@geocities.com>
Subject: [20308] Hootowl results
Message-ID: <3389D42F.6694@geocities.com>

W03B
Palo Alto, CA
QRP ++ 200mw
20 Meters TM600 @ 60 feet
40, 80 Meters Fan Dipole at 40 feet

20 Meters

8 Members and 3 Non-members for 48 pts

VA, TN, PA, NJ, NM, GA, MN, Mexico, OK, MO for 10 SPC

40 Meters

11 Members for 55 pts

CA, ID, CO, AZ, OR, NM for 6 SPC

80 Meters

5 Members and 1 Non-member for 27 pts

AZ, CA, WA for 3 SPC

130Pts X 19 SPC X 15 = 37,050 Score

I worked 20 meters the first hour and 15 mins then 40 meters until 30 mins into the third hour at which point I switched to 80 meters. I finished out the contest on 80 meters except for one 15 min period on 40 meters at the top of the fourth hour. Almost all of my contacts were in the first 2 hours of the sprint.

Nice contest CAM, I just wish that we had more folks playing those last two hours.

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997

From: ji3m@maxwell.com (James R. Duffey)

Subject: [20317] Horizontal Currents Opposite, Vertical Are Not

Message-ID: <v02130501afafaa51a08a@[192.31.66.229]>

Cecil - Let me have another go at it and then I will drop it. (famous last words huh?)

"=8Athe linear acceleration of particles that causes radiation. Those poor electrons in the coil are primarily going in circles=8A"

This is true. Acceleration is a vector quantity so we can represent the current in the coil by two orthogonal components, say vertical and horizontal.

"The opposite polarity of the currents on each side of the coil will tend to neutralize any near field."

This is true for the horizon components of the currents. They are in opposite directions on opposite sides of the coil and will cancel in the plane of the turn. The vertical components on the opposite sides of the turn are in the same direction, up, and will add to the radiation field.

"Why not count the transmission line as part of the radiating element and prove me even more wrong?"

A properly designed, matched, and terminated coaxial transmission line will not radiate as all the fields are contained within it. A balanced feed line will radiate a bit, but very inefficiently. It will have approximately the same radiative properties of a dipole with the same spacing; that is a 1 inch balanced feed line will radiate roughly similarly to a dipole 1 inch long. As you surmise this very small near field can be ignored for most practical HF applications.

"=8Aa properly designed coil has a very small near field."

Yes, and as you have correctly pointed out, the original SLV does not have what either physicists or engineers would characterize as a "properly designed coil".

"The power lost to radiation subtracts from its reactive loading function and is undesirable."

Long and skinny coils radiate significantly which is why they are undesirable for most applications. For antennas the radiation is acceptable as it will form part of the field.

I enjoy the technical aspects of these exchanges. They make me think and are useful refreshers. Unfortunately I tend to take your tongue in cheek comments too personally. I guess I will have to adapt the method suggested earlier of composing a reply and letting it age for 24 hours before I post it when replying to your posts.

Keep on posting. Depending on how my summer schedule works out I may see you at Ft. Tuthill. - Duffey KK6MC/5

James R. Duffey
Principal Scientist
Maxwell Technologies Incorporated/Albuquerque Division
Suite 300
2501 Yale Blvd SE
Albuquerque, NM 87106

(505) 764-3143
(505) 843-7995 (FAX)

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Ron Polityka" <wb3aal@talon.net>
Subject: [20318] Looking for manual
Message-ID: <199705262150.RAA28076@pelican.talon.net>

This is a multi-part message in MIME format.

-----=_NextPart_000_01BC69FD.3E1D9620
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello, I have checked all the manual services and I can't locate a manual for a Heathkit Power supply PS-1175.

If you have a manual I would like to get a copy.

73 & Good DXing
Ron de WB3AAL

wb3aal@talon.net

QRP # 5318 OWL's Radio Club
G-QRP # 3031 PA QSO Party 1996 Small Club Gavel
10-10 # 13173

-----=_NextPart_000_01BC69FD.3E1D9620
Content-Type: text/html; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable

<html><head></head><BODY bgcolor=3D"#FFFFFF"><p><font size=3D2 =
color=3D"#000000" face=3D"Arial"> Hello, I have checked all the manual =
services and I can't locate a manual for a Heathkit Power supply =
PS-1175.
 If you have a manual I would like to get a copy.

73 =
& Good DXing
Ron de WB3AAL

wb3aal@talon.net

 =
& QRP # 5318 & OWL's Radio =
Club
G-QRP # 3031 & PA QSO Party =
1996 Small Club Gavel
 & 10-10 # 13173</p>
</body></html>
-----=_NextPart_000_01BC69FD.3E1D9620--

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: wa5whn@juno.com (Jay D Miller)
Subject: [20310] MUF above 50 MHz/Memorial Day/Sporadic E
Message-ID: <19970526.130029.4503.0.wa5whn@juno.com>

QRP-Lers,

From Grid Square: DM65qd @ 1840 UTC, currently, the MUF is above 50 MHz. I am currently copying S-7 signals on 10 meters (SSB) & full quieting FM signals (Ohio, Mo., S. Dakota, S. Texas, et al). On 6 meters, essentially the same areas (50.120 MHz). Some of the local 2 meter VHF (SSB) types are pointing their antennas NE.

WOW !!! Can't wait to get the GM-12 finished. ;-)

72...Jay, WA5WHN DM65qd (Albuquerque,
NM)

ARRL Field Day, from Grid Square: DM66na

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Mike Czuhajewski <wa8mcq@u1.abs.net>
Subject: [20315] New Dayton hotel?
Message-ID: <Pine.BSI.3.93.970526172302.9875A-100000@u1.abs.net>

Browsing thru a recent daily digest I saw someone wonder aloud if it was time to look for another hotel for Dayton. Please be assured that this topic has come up a few times before! It is not quite as simple as it might appear to be on the surface, though.

If anyone is going to start doing some checking into other hotels, please be sure to let me know first! We need to save duplication of effort. We also do *** N O T *** need someone coming up with an alternate hotel, very possibly at better rates and for better facilities, and starting a massive rush to reserve rooms there without us knowing about it ahead of time: There have been certain agreements made with the DIS for next year--maybe, though I don't know what has been written down yet--and there could quite possibly be some financial penalties for not filling all the rooms or for backing out completely. I have no idea what firm commitments we have at this time, and what poison pills may be written into them. But please, PLEASE, we do NOT need anyone going behind our backs and making alternate arrangements without our knowledge!

If anyone wants to work on alternate rooming, please let me know and I'll make sure the word gets to the appropriate people so something can be worked out. And I certainly have no objections to something else being worked out :-)) I just don't want to see the QRP ARCI get stuck with a massive financial penalty, something which would be borne by the treasury, ie, by the membership.

There is already some talk in certain circles within the QRP ARCI about looking for alternate logging. I don't know if anything will come of it, but if anyone else is doing the same I'd like to be sure both groups know what each other is doing. I am not in the Rooms Reservation business myself, just an innocent bystander offering to act as a point of contact to make sure everyone is aware of everyone else's efforts.

BTW, K3TKS drove us out to the hamvention every day, right up I-75, past the old downtown Belton Inn--one of many names it had over the years!--and the old QRP hotel sure did look awfully rundown, deserted, uninhabited and generally sorry and beat up :-). At least there was no graffiti on it!

73 and Queue Our Pea DE WA8MCQ wa8mcq@abs.net
President, QRP ARCI

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: N4JS <n4js@usa.net>
Subject: [20285] OHR400
Message-ID: <v03020902afaeac65054f@[206.106.174.44]>

Well, finished my OHR400 today. WOW, what a rig! It is big and clunky, definitely not "Trail Friendly" but it has the best receiver I have played with in a while. Also, had to watch the power, as it puts out 6-8 watts at full output, so had to turn it back to 5w to "stay honest". I have the DD1 and SCAF to make a set. (Couldn't resist the sale, I AM a confirmed "kit-aholic."). Had no trouble assembling and aligning it. (Once again, built it on midnight shifts). Definitely a "keeper."

_ _ _ _ _ \ _ / _ _ . ' _ _ \ _ _ \ _ \ _ \ _ _ / _ _ /	John L. Sielke n4js@amsat.org n4js@pobox.com n4js@n4js.ampr.org NJ Grid:FM29LN http://www.qsl.net/n4js NJ-QRP #57 QRP-L #884 QRP-ARCI #9328 NE-QRP #507 G-QRP #9544 Norcal #1989 QCWA CQrp CQC ARS #243 FISTS #2781 Formerly: K3HLU, W7JEF, W4MPC, TF2WKT
--	--

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Alan Kaul <kaul@netcom.com>
Subject: [20290] Please send me your WPX scores!
Message-ID: <Pine.3.89.9705252324.A26803-01000000@netcom13>

I'll compile and post WPX scores if you will send me either a copy of the summary (it's the *.sum file if you use CT). Or, even if you didn;t score the contest in real time, give it a POST-CONTEST-SCORING effort and e-mail me the results.

If you don't know how to score, here it is:

1) count each different prefix as a separate multiplier---but count them only once, NOT ONCE PER BAND (example: W7 counts as a mult, so does KC7, as does AA7, as does WB7 ... but the second time you work it -- even if on a different band, it does not count as a mult)

2) on 10-15-20 count QSO points as follows: 0-points for working anyone in your DXCC country, 2-points for working anyone on your continent (if you are in USA contiguous 48-states, then 2-points for EACH QSO with Canada, Alaska, Mexico, Puerto Rico, etc), count 3-points for QSO's with another continent -- i.e. Europe, Oceania, South America, Africa, Asia

on 40-80-160 count 0-points for same country, but 4-points for each QSO on same continent, and 6-points for each QSO on another continent

3) ADD multipliers

4) ADD QSO points

5) multiply the # of MULTIPLIERS by the # of QSO points -- and that is your score. Pretty Simple.

6) also report your total number of QSO's -- it'll give others and idea of what's required

And don't worry about low numbers.... I only had 16 QSO's, mostly with USA stations and scored fewer than 500 total points. Don't worry about the total score -- we're looking for a way to build interest in QRP CONTESTING. Even if you had only a handful of contacts, please send me your results. I'll collect data for 3-4 days then post a comprehensive tally to the list... If there's enough interest, we might even get Doug to report results in QRPP!

P-S ... Doug said before the contest he was going to try WPX from the Sierra Mountains with his Sierra -- let's see how he did! He could become the ''poster boy'' on this one!!

73/72 de alan

[<Alan Kaul, W6RCL>] kaul@netcom.com

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: mdwatt@usit.net (Marty Watt)
Subject: [20280] QRP Publicity
Message-ID: <338acc4b.100012426@smtp.usit.net>

Congrats to Jeff Gold, AC4HF, for being "73" Magazine's June 1997
Coverboy ...

And to Conard Murray, WS4S for taking the photo ...

Tennessee QRP at it's best ...

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
<http://www.public.usit.net/mdwatt>
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Jeff M. Gold" <JMG@tntech.edu>
Subject: [20301] QRP+ and SBL-1
Message-ID: <01IJBLRBG20Y8WW48U@tntech.edu>

Well I am about ready to give up on Bruce at Index. I left him a
phone message and a FAX has also been left, a while ago.

I number of people on the list seem to think the mixer might be
the problem. I was under the impression since mine was the newest
one, that the problem had been solved.

I have a friend who is good at fixin radios come over tomorrow
(hopefully) to take a look at the rig. I have found in my parts
box a part labeled SBL-1 is this the correct mixer, what are the
differences in these?
thanks

72

Jeff, AC4HF

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Wilford D. Lindsey" <70511.3041@compuserve.com>
Subject: [20288] QRP-ARCI Hootowl Sprint tonight!
Message-ID: <970526043909_70511.3041_IHD70-1@CompuServe.COM>

Jack:

Many thanks for this reminder. I ran the marathon here in Rochester, MN, this morning...then came home to get back into WPX. Almost missed the Hootowl entirely!

So got into Sprint an hour late on 20 only, and then the band seemed to quit about 0400 UTC. But it was still a treat.

A totally unexpected bonus came at 0329UTC when Ted RN1NW came back. Forgot to get his power, but he gave me a 339 (he was 459).

Question--did anyone else work RN1NW tonight? What info do you have about him?

Again, thanks to so many who stopped by Lake Wobegone for a short chat. Have a great, safe Memorial Day holiday.

72/73,

--Doc/K0EVZ qrp-1 861 mn-qrp 19 norcal 2050 cqc 414 nj-qrp 69 ak/qrp 139

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: rerobins@unccvm.uncc.edu (Rick Robinson)
Subject: [20305] Samuel F B Morse, renaissance man
Message-ID: <v02130502afaf3cda28c9@[152.15.144.13]>

Seems like Morse was of the "Hudson River School" of realist landscape painters, if my art history memory is correct. I think he continued to paint throughout his life.

Wasn't he also involved in some sort of metaphysical research or do I have my 19th century renaissance men confused?

Rick kf4ar

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Jay & Jackie <jayboy@psnw.com>
Subject: [20294] SLV/MMA w/radials
Message-ID: <3.0.1.32.19970526061822.00699bf0@mail.psnw.com>

Hi,

Thought I would report back since my posting of trying the SLV w/o radials and not being able to tune it properly. First, thanks for all the responses. Secondly, you were all right! I put five radials on yesterday afternoon, took it over to a school yard out in the open and sat down with my gel cell, NW8040 (would have taken the Sierra, but the wind was blowing and it might have got dusty), and ice chest for a table. The Auttek showed a great SWR of less than 1.2 at around 40 ohms. Fired up and worked NG30 in Md and a Ca on 30 meters...Could even hear some DX. Very pleased

Next job get a Dipole built in case I actually find a tree in the buttes above Prinville, Or for Field Day.

On another subject, I was sad to hear of the passing of N2DAN. His contribution to paddle construction was really something.

72/73 Jay, W6JDB Madera, CA

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Ron Polityka" <wb3aal@talon.net>
Subject: [20298] Users of DX4WIN
Message-ID: <199705261358.JAA21945@pelican.talon.net>

This is a multi-part message in MIME format.

-----=_NextPart_000_01BC69BB.48CB11C0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hello fellow QRPers, I am wondering how many people use the Windows 95 logging program called DX4WIN. If you do use this program I have a question for you. Where do you log in the QRP #'s. Would you like to possibly see a window for the QRP #'s like the windows for 10-10#'s.

If you don't use this program and you would like to see a demo, you can download it at the following address:

<http://www.erols.com/pvander/>

Thanks to all that replied to this question.

wb3aal@talon.net

```
-----=_NextPart_000_01BC69BB.48CB11C0
Content-Type: text/html; charset=ISO-8859-1
Content-Transfer-Encoding: quoted-printable
```

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: "Matt Wright, AE4JM" <cnw@HiWAAY.net>
Subject: [20277] Re: 10 meter CW contact!
Message-ID: <Pine.OSF.3.94.970525181143.24340A-1000000@fly.HiWAAY.net>

Hey Gang,
Well it doesn't look like I'll have any more of these 10 mtr CW contacts.
I looked out today and my "Rabbit Ears", rotatable dipole, came down in
last night's storm. So, I've gotta get it back up this week. It's just
on a small pole, and it's been up over 2 years, I guess it's time to put
it up again. Hee Hee! <g>
Best 72/73 DE Matt, AE4JM
cnw@hiwaay.net
<http://fly.hiwaay.net/~cnw>

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Cecil A Moore <Cecil_A_Moore@ccm.ch.intel.com>
Subject: [20289] Re: Antenna Electrical Length Includes Coil

>From: ji3m@maxwell.com (James R. Duffey)
>Cecil - I was going to let this thread die or at least take it private,
>but by accusing me of ignoring the laws of physics in this public forum
>you have slandered me in the worst way possible:-), as I have been
>trained as a Physicist and earn my living as one. :-) :-) :-)

Well, I guess that about does it then. I'm not a physicist so what I say couldn't possibly matter. You win, and I'll just go back to my lowly electrical engineering position. :-) (It's no joke - I'm at work on a holiday and need to get something useful accomplished).

>What law or laws of physics prohibits this?

Section 937f.002a-33c :-) clearly states that it is the linear acceleration of particles that causes radiation. Those poor electrons in the coil are primarily going in circles while making very little linear progress and getting the crap knocked out of them as shown by the current entering the bottom of the coil vs the current leaving the top of the coil. The opposite polarity of the currents on each side of the coil will tend to neutralize any near field. It would be much better if the coil was located at the center of the antenna rather than at the bottom so the part beneath the coil would be exposed to maximum current and linear acceleration of electrons. Ideally, the coil should be close to the top of the vertical with a large top hat above that.

If you allow the coil to count as part of the linear portion of the radiating element, then there is no room for the coil. Your feedpoint estimate of 10 ohms with a 20 foot radiating element would occur at the bottom of the coil and we both know a simple measurement will disprove that notion. A transmission line is even more linear than a coil. Why not count the transmission line as part of the radiating element and prove me even more wrong? Like a properly tuned transmission line, a properly designed coil has a very small near field. The power lost to radiation subtracts from its reactive loading function and is undesirable.

Speaking of rubber duckies, I made some very interesting measurements the other day. Compared to a quarterwave whip with tigertail, the rubber ducky that came with my Alinco-580 was 12dB down. What do you know? That's 8% efficiency compared to a less than perfect test antenna. The HT had to eat 92% of the power when using the duck.

We have shifted from my opinion of the efficiency of the original SLV to a cerebral argument about physics which you are predestined to win. The difference in our positions is 0.02 'S' units which is negligible. Use calculations and charts until you are blue in the face, your antenna will not measure out as you designed it. We won't really know who's right until someone makes some measurements in the real world. If nobody else will do it, guess I'll have to.

73, Cecil, W6RCA, 00TC

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Steve Hideg <Steve.Hideg.1@nd.edu>
Subject: [20304] Re: Day's Inn at Dayton
Message-ID: <v03020902afaf79b62ff9@[129.74.35.26]>

At 10:26 AM -0700 5/26/97, Robert Marlan wrote:
>Maybe we can contract with the hilton or holiday inn IF
>WE START PLANNING NOW!!! for next year.
>
>Bob rsm@halcyon.com KA6NOC/7

Okay. Will they allow us to put up antennas?

Steve Hideg, N8HSC/9 QRP-L #136
Check out the Internet QRP Club's site on the WorldWide Web:
<<http://qrp.cc.nd.edu/QRP-L/>>

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997
From: Monte Stark <ku7y@sage.dri.edu>
Subject: [20309] Re: Day's Inn at Dayton
Message-ID: <Pine.SUN.3.90.970526115136.29366A-100000@vortex>

On Mon, 26 May 1997, Robert Marlan wrote:

>
> Maybe we can contract with the hilton or holiday inn IF
> WE START PLANNING NOW!!! for next year.
>

Along with antennas all over the place, be sure we can have friends sleep on the floor!

And be sure to check the cost of the rooms for the eve get togethers. Also the banquet costs.

Not defending DIS, just want to be sure the whole picture is being considered.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: "David D. Meacham" <ddm@datatamers.com>
Subject: [20283] Re: Fraud at Days Inn South at Dayton !!!
Message-ID: <Pine.LNX.3.91.970525174828.14008A-100000@dt1.datatamers.com>

Robert,
I certainly agree with you! One of the reasons I DID NOT go to Dayton this year was that, despite many objections to having QRP festivities at the Days Inn South, the powers that be chose DIS again! I vote for a different motel/hotel for FDI '98.

72, Dave, W6EMD

p.s. I had trouble with my motel bill, too, last year!

From owner-qrp-1@Lehigh.EDU Mon May 26 18:03:45 1997
From: Bob Patten <n4bp@shadow.net>
Subject: [20291] Re: Please send me your WPX scores!
Message-ID: <Pine.SOL.3.91.970526050716.25158A-100000@hyper>

On Sun, 25 May 1997, Alan Kaul wrote:

> I'll compile and post WPX scores if you will send me
> either a copy of the summary (it's the *.sum file if you use
>

If you want to save yourself some effort, simply view the compiled scores on the cq-contest reflector. If you want to be included, send your scores to 3830@akorn.net where they are collected for compilation.

The results are updated almost daily immediately after each contest until entries stop coming in.

If you want to subscribe to the cq-contest reflector, simply send a message to cq-contest-request@contesting.com with "subscribe" in the body of the message.

Bob Patten, N4BP
n4bp@shadow.net

Plantation, FL
<http://www.shadow.net/~n4bp/n4bp.htm>

Brass Pounder BBS (954) 472-7715

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997

From: Hank Kohl <k8dd@contesting.com>

Subject: [20278] Re: QRP - Hamfest - Promoting

Message-ID: <2.2.32.19970525223033.006a8a94@tir.com>

At 07:55 AM 5/25/97 -0700, you wrote:

>

>If you set up your QRP station with a portable antenna, battery you will
>now have a captured audience for 6 to 8 hours to promote your little
>corner of this radio hobby.

>

>Set it up in a flea market spot. Get maximum exposure. Have your log
>laying out so they can see who you are working. Put the CW on both a
>speaker for the crowd and headphones for yourself.

And let me know a week or so in advance, and if it is available, the QRP-ARCI can loan you a banner and some flyers for membership.

Get real exposure!

73 Hank K8DD

*/	Hank Kohl	K8DD	k8dd@contesting.com
*/	ARRL TS		(k8dd@tir.com)
*/	MI-QRP - Vice Pres.	QRP-ARCI - Director	
*/	G-QRP	ARRL/LM	QCWA/LM QCAO/LM

From owner-qrp-l@Lehigh.EDU Mon May 26 18:03:45 1997

From: mdwatt@usit.net (Marty Watt)

Subject: [20281] Re: QRP Publicity
Message-ID: <338bcd42.100259951@smtp.usit.net>

On Sun, 25 May 1997 23:36:29 GMT, mdwatt@usit.net (Marty Watt)
wrote:

>Congrats to Jeff Gold, AC4HF, for being "73" Magazine's June 1997
>Coverboy ...
>
>And to Conard Murray, WS4S for taking the photo ...
>
>Tennessee QRP at it's best ...

PS ... The article inside on the LDG auto-tuner is excellent as
well!

72 es 73 de=20
Marty, KM7W

Jackson, Tennessee e-mail: mdwatt@usit.net
http://www.public.usit.net/mdwatt
"The Curmudgeon's Corner"
NorCal #2031 - ARCI #7514 - QRP-L #953 - AK/QRP #098 - Grid EM55oq
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